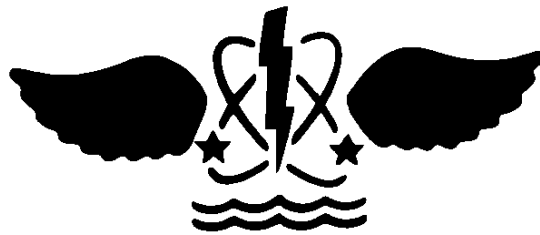


# CHAPTER 12



## NAVAL AIRCREWMEN (AW)

NAVPERS 18068-12E

CH-43

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (OPERATOR) (AWO)



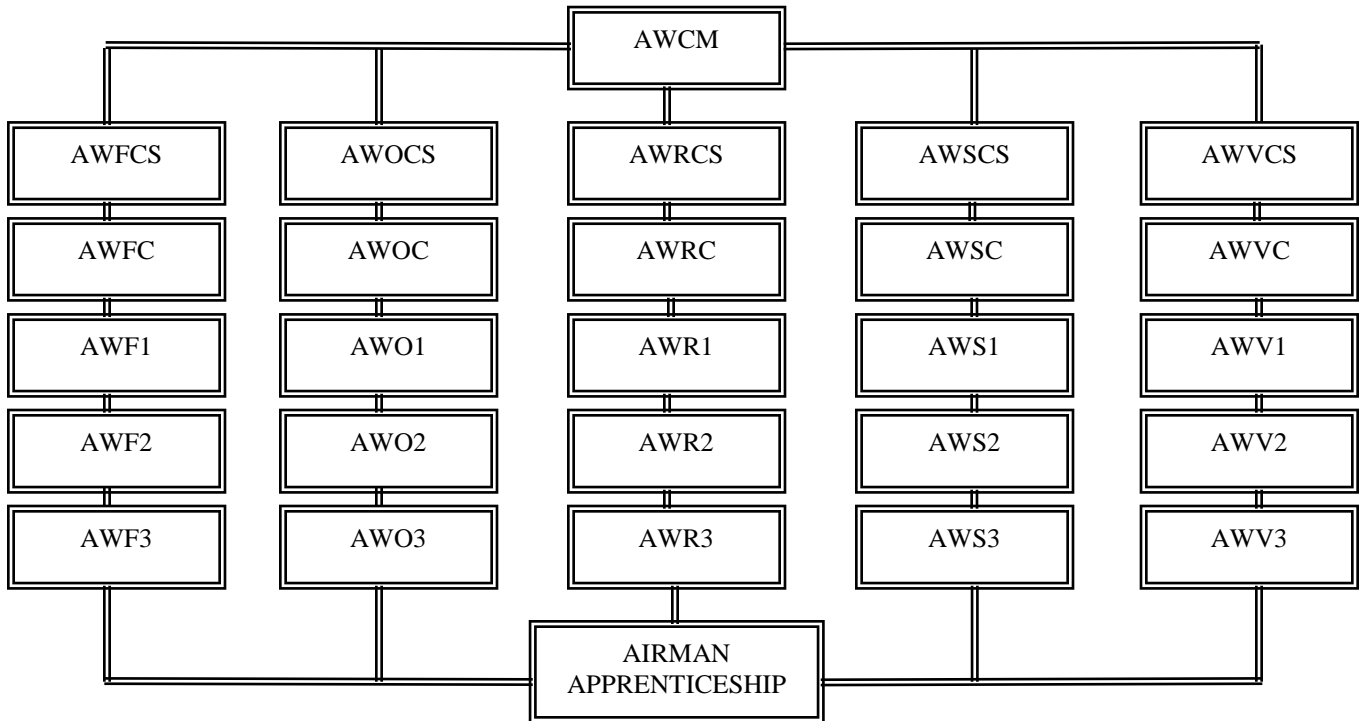
SCOPE OF RATING

Naval Aircrewmens (Operator) (AWO) produce intelligence products for aircrews in support of operations and tactical missions worldwide; detect, analyze, classify, and track surface and subsurface contacts; operate an advanced sonar system utilizing sonobouys, radar, Electronic Support Measures (ESM), Magnetic Anomaly Detector (MAD), Identification Friend or Foe/Selective Identification Feature (IFF/SIF), and Infrared Detector (IR); perform aircrew duties that support mission planning, classified material handling, and training; and handle ordnance, inspect acoustic station equipment, and operate mission equipment such as: advanced imaging multi-spectral sensors, radar for safety of flight, and hand-held cameras.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 12.

## GENERAL INFORMATION CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

### **SAFETY**

**The observance of proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.**

**Job Title****Acoustic Systems Specialist****Job Code****002544****Job Family**

Installation, Maintenance, and Repair

**NOC**

4900-2093.00

**Short Title (30 Characters)**

ACOUSTIC SYSTEMS SPECIALIST

**Short Title (10 Characters)**

ACSYS SPEC

**Pay Plan**

Enlisted

**Career Field**

AWO

**Proficiency Level**

A/J/M

**Other Relationships and Rules:**

NECs may include 0342, 0450, 0507, 7821 thru 7841

**Job Description**

Acoustic Systems Specialists are members of an integrated tactical crew aboard maritime patrol aircraft. They detect, analyze, classify, and track surface and subsurface contacts utilizing state of the art acoustic technology. They operate an advanced sonar system utilizing sonobouys. They also perform aircrew duties that support mission planning, acoustic classified material handling, and training contributing directly to an aircraft squadron's ability to conduct tactical operations worldwide.

**DoD Relationship****Title and Group:**

Sonar Operator, General

121

**Code and Area:**

121000

12

**O\*NET Relationship****Title and SOC Code:**Electrical and Electronics Installers and  
Repairers, Transportation Equipment

49-2093.00

**Name and Family Code:**Installation, Maintenance, and  
Repair

49

**AIRCREW ADMINISTRATION****Paygrade**

E5

**Task Type**

CORE

**Task Statements**

Conduct aircrew qualification and readiness program evaluations

*Operation and Control  
Science***Abilities***Mathematical Reasoning  
Number Facility*

E7

CORE

Conduct flight order audit boards

*Judgment and Decision Making  
Operation and Control**Fluency of Ideas  
Inductive Reasoning*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

*Complex Problem Solving  
Operation and Control**Auditory Attention  
Visualization*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training

*Active Listening  
Instructing**Inductive Reasoning  
Selective Attention*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training

*Instructing  
Learning Strategies**Inductive Reasoning  
Selective Attention*

E5

CORE

Maintain aircrew flight databases

*Equipment Selection  
Installation**Written Comprehension  
Written Expression*

E4

CORE

Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets

*Monitoring  
Writing**Written Comprehension  
Written Expression*

E5

CORE

Maintain tactical publication libraries

*Judgment and Decision Making  
Management of Material Resources**Multi-limb Coordination  
Written Expression*

E6

CORE

Prepare flight hour reports

*Complex Problem Solving  
Critical Thinking**Finger Dexterity  
Reaction Time*

E4

CORE

Prepare flight schedules

*Operations Analysis  
Writing**Information Ordering  
Written Expression*

E4

CORE

Review Naval Air Training and Operating Procedures Standardization (NATOPS) records

*Active Listening  
Reading Comprehension**Oral Comprehension  
Written Comprehension*

E4

CORE

Safeguard classified materials

*Active Listening  
Coordination**Information Ordering  
Written Comprehension*

E4

CORE

Update individual flight time summaries

*Complex Problem Solving  
Troubleshooting**Deductive Reasoning  
Visualization*

## AIRCREW DUTIES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze mission tactical plots	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>
E4	CORE	Analyze multi-static contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze Night Vision Goggle (NVG) information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Night Vision</i> <i>Reaction Time</i>
E4	CORE	Analyze passive acoustic contacts data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Calculate Figure Of Merit (FOM)	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify Electro-Optics (EO) contact information	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify Infrared (IR) contact information	<i>Management of Material Resources</i> <i>Reading Comprehension</i>	<i>Information Ordering</i> <i>Written Expression</i>
E4	CORE	Classify multi-static contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Classify passive acoustic contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Classify sound transmission paths	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Conduct aircraft fueling operations	<i>Operation and Control</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Conduct Battle Hit Assessments (BHA)	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Far Vision</i> <i>Selective Attention</i>
E4	CORE	Conduct Infrared (IR) and Electro-Optical (EO) surveillance	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Conduct multi-static searches	<i>Reading Comprehension</i> <i>Speaking</i>	<i>Speech Recognition</i> <i>Written Comprehension</i>
E4	CORE	Conduct Night Vision Device (NVD) flight operations	<i>Instructing</i> <i>Learning Strategies</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E4	CORE	Conduct passenger safety briefs	<i>Coordination</i> <i>Operation and Control</i>	<i>Fluency of Ideas</i> <i>Inductive Reasoning</i>
E4	CORE	Conduct passive acoustic searches	<i>Coordination</i> <i>Speaking</i>	<i>Memorization</i> <i>Speech Clarity</i>
E4	CORE	Configure aircraft equipment for rescue missions	<i>Instructing</i> <i>Speaking</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E4	CORE	Configure aircraft for Anti-Submarine Warfare (ASW) operations	<i>Equipment Selection</i> <i>Installation</i>	<i>Dynamic Flexibility</i> <i>Explosive Strength</i>
E4	CORE	Configure aircraft for internal cargo operations	<i>Equipment Selection</i> <i>Systems Evaluation</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E5	CORE	Construct search patterns	<i>Equipment Selection</i> <i>Installation</i>	<i>Dynamic Flexibility</i> <i>Explosive Strength</i>
E4	CORE	Coordinate pre-flight checks	<i>Coordination</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Written Comprehension</i>

E4	CORE	Determine non-target artifacts	<i>Complex Problem Solving Judgment and Decision Making</i>	<i>Information Ordering Originality</i>
E4	CORE	Identify sonobouy aural cues	<i>Active Listening Critical Thinking</i>	<i>Memorization Visualization</i>
E4	CORE	Inspect small arms	<i>Coordination Management of Personnel Resources resources</i>	<i>Oral Expression Written Expression</i>
E4	CORE	Inspect survival equipment	<i>Active Listening Critical Thinking</i>	<i>Memorization Visual Color Discrimination</i>
E4	CORE	Load classified materials	<i>Coordination Speaking</i>	<i>Dynamic Flexibility Dynamic Strength</i>
E4	CORE	Monitor weapons employment	<i>Active Listening Monitoring</i>	<i>Auditory Attention Oral Comprehension</i>
E4	CORE	Observe engine start ups	<i>Active Listening Monitoring</i>	<i>Oral Expression Speech Recognition</i>
E4	CORE	Operate acoustic mission equipment	<i>Active Listening Monitoring</i>	<i>Far Vision Near Vision</i>
E4	CORE	Operate bomb bay doors	<i>Active Listening Speaking</i>	<i>Inductive Reasoning Selective Attention</i>
E4	CORE	Operate communications equipment	<i>Equipment Selection Operation and Control</i>	<i>Finger Dexterity Memorization</i>
E4	CORE	Perform acoustic mission equipment in-flight operational checks	<i>Coordination Complex Problem Solving</i>	<i>Fluency of Ideas Information Ordering</i>
E4	CORE	Perform aircraft fueling operations	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform aircraft ground handling operations	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform aircraft integrity inspections	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Dynamic Strength</i>
E4	CORE	Perform aircraft post-flight inspections	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Dynamic Strength</i>
E4	CORE	Perform Auxiliary Power Unit (APU) operations	<i>Active Learning Active Listening</i>	<i>Deductive Reasoning Memorization</i>
E4	CORE	Perform drug interdiction searches	<i>Management of Material Resources Management of Personnel Resources resources</i>	<i>Speech Recognition Written Comprehension</i>
E4	CORE	Perform Electro-Optics (EO) equipment post-flight procedures	<i>Coordination Operation and Control</i>	<i>Information Ordering Selective Attention</i>
E4	CORE	Perform emergency procedures	<i>Equipment Selection Operation and Control</i>	<i>Visual Color Discrimination Visualization</i>
E4	CORE	Perform external aircraft pre-flight inspections	<i>Critical Thinking Mathematics</i>	<i>Inductive Reasoning Mathematical Reasoning</i>
E4	CORE	Perform first aid	<i>Systems Analysis Systems Evaluation</i>	<i>Problem Sensitivity Visual Color Discrimination</i>
E4	CORE	Perform flight planning before mission	<i>Critical Thinking Monitoring</i>	<i>Deductive Reasoning Information Ordering</i>



E4	CORE	Perform general mission procedures	<i>Coordination Critical Thinking</i>	<i>Oral Comprehension Speech Clarity</i>
E4	CORE	Perform in-flight equipment checks	<i>Operation and Control Systems Evaluation</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform in-flight observer duties	<i>Coordination Speaking</i>	<i>Information Ordering Memorization</i>
E4	CORE	Perform internal and external aircraft pre-flight inspections	<i>Systems Analysis Systems Evaluation</i>	<i>Information Ordering Memorization</i>
E4	CORE	Perform Medical Evacuations (MEDEVAC)	<i>Coordination Equipment Selection</i>	<i>Deductive Reasoning Information Ordering</i>
E4	CORE	Perform mission equipment power on pre-flight inspections	<i>Operation and Control Systems Evaluation</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform on station mission turnovers/swap procedures	<i>Critical Thinking Operation and Control</i>	<i>Finger Dexterity Memorization</i>
E4	CORE	Perform reconnaissance recognition	<i>Operation and Control Systems Evaluation</i>	<i>Finger Dexterity Memorization</i>
E4	CORE	Perform mission planning	<i>Equipment Selection Operation and Control</i>	<i>Written Comprehension Written Expression</i>
E4	CORE	Prepare aircraft for static display	<i>Complex Problem Solving Critical Thinking</i>	<i>Deductive Reasoning Visual Color Discrimination</i>
E5	CORE	Prepare mission summary logs	<i>Management of Material Resources Writing</i>	<i>Written Comprehension Written Expression</i>
E4	CORE	Report contacts	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E7	CORE	Review hot areas and air space restrictions	<i>Equipment Selection Programming</i>	<i>Finger Dexterity Information Ordering</i>
E4	CORE	Test aircraft systems	<i>Coordination Judgment and Decision Making</i>	<i>Deductive Reasoning Memorization</i>
E4	CORE	Update flight time log books	<i>Complex Problem Solving Troubleshooting</i>	<i>Deductive Reasoning Visualization</i>
E5	CORE	Utilize mission tactical plot during on station period	<i>Critical Thinking Writing</i>	<i>Deductive Reasoning Written Expression</i>

### AIRCREW TRAINING

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs	<i>Instructing Learning Strategies</i>	<i>Memorization Written Comprehension</i>
E7	CORE	Analyze monthly training and operation reports	<i>Complex Problem Solving Management of Material Resources</i>	<i>Inductive Reasoning Originality</i>
E6	CORE	Analyze training and readiness matrix for technical accuracy	<i>Critical Thinking Monitoring</i>	<i>Inductive Reasoning Originality</i>
E5	CORE	Brief crew resource management program	<i>Persuasion Speaking</i>	<i>Speech Clarity Written Expression</i>
E5	CORE	Conduct tactical flight training	<i>Operation and Control Operation Monitoring</i>	<i>Finger Dexterity Visual Color Discrimination</i>

E5	CORE	Conduct tactical ground training	<i>Instructing</i> <i>Speaking</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E5	CORE	Conduct warfare training exercises	<i>Active Listening</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Information Ordering</i>
E7	CORE	Define aircrew readiness requirements for individuals and crews	<i>Instructing</i> <i>Speaking</i>	<i>Information Ordering</i> <i>Written Expression</i>
E7	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events	<i>Complex Problem Solving</i> <i>Judgment and Decision Making</i>	<i>Information Ordering</i> <i>Originality</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams	<i>Instructing</i> <i>Learning Strategies</i>	<i>Inductive Reasoning</i> <i>Information Ordering</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical exams	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical training materials	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Develop tactical Weapons System Trainer (WST) scenarios	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Operate Weapons Systems Trainer (WST)	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform Aircrew Combat Training Continuum (ACTC)	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Memorization</i>
E4	CORE	Conduct land survival training	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Information Ordering</i> <i>Memorization</i>

## COMMUNICATIONS

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E4	CORE	Communicate using visual signals	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Conduct underwater communications	<i>Instructing</i> <i>Speaking</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E6	CORE	Draft Operational Report (OPREP-3) messages	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Problem Sensitivity</i> <i>Written Expression</i>
E5	CORE	Identify pyrotechnic communications	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Fluency of Ideas</i> <i>Originality</i>
E4	CORE	Perform brevity codes communications	<i>Coordination</i> <i>Operation and Control</i>	<i>Control Precision</i> <i>Memorization</i>
E4	CORE	Perform Intercommunication Systems (ICS) communications	<i>Active Listening</i> <i>Speaking</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Review card of the day	<i>Management of Personnel Resources</i> <i>resources</i> <i>Persuasion</i>	<i>Information Ordering</i> <i>Written Expression</i>

## ENVIRONMENTAL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Bathythermograph (BT) data	Complex Problem Solving Critical Thinking	Information Ordering Mathematical Reasoning
E4	CORE	Analyze bottom contour charts	Critical Thinking Judgment and Decision Making	Inductive Reasoning Visual Color Discrimination
E4	CORE	Analyze environmental data for tactical application	Critical Thinking Science	Mathematical Reasoning Memorization
E4	CORE	Analyze meteorological and oceanographic conditions	Complex Problem Solving Critical Thinking	Mathematical Reasoning Memorization
E4	CORE	Analyze sound transmission paths	Critical Thinking Operation and Control	Mathematical Reasoning Memorization
E4	CORE	Calculate predicted transmission path ranges	Mathematics Science	Mathematical Reasoning Number Facility
E4	CORE	Determine active sonobouy localization and track depths	Critical Thinking Mathematics	Inductive Reasoning Mathematical Reasoning
E4	CORE	Determine tactical environmental considerations	Critical Thinking Operation and Control	Originality Visualization
E4	CORE	Develop environmental products using applicable software	Speaking Writing	Written Comprehension Written Expression
E4	CORE	Interpret oceanographic data for mission executions	Monitoring Reading Comprehension	Information Ordering Written Comprehension
E4	CORE	Perform environmental calculations during mission	Critical Thinking Judgment and Decision Making	Deductive Reasoning Memorization
E4	CORE	Perform environmental calculations for mission planning	Critical Thinking Mathematics	Mathematical Reasoning Number Facility
E4	CORE	Perform on station environmental updates	Critical Thinking Operation and Control	Finger Dexterity Memorization

## MAINTENANCE SUPPORT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct certification inspections on aviation combat systems	Equipment Selection Operation and Control	Manual Dexterity Selective Attention
E4	CORE	Document aircraft discrepancies	Reading Comprehension Writing	Written Comprehension Written Expression
E4	CORE	Troubleshoot Internal Communication System (ICS)	Critical Thinking Operation and Control	Deductive Reasoning Category Flexibility
E4	CORE	Troubleshoot mission replay recorders	Critical Thinking Operation and Control	Deductive Reasoning Category Flexibility
E4	CORE	Troubleshoot Night Vision Device (NVD) equipment	Equipment Selection Operation and Control	Finger Dexterity Written Expression
E4	CORE	Troubleshoot tactical mission recorders	Complex Problem Solving Troubleshooting	Deductive Reasoning Visualization
E4	CORE	Troubleshoot tactical systems	Complex Problem Solving Troubleshooting	Deductive Reasoning Visualization

## OPERATIONS AND LOGISTICS MANAGEMENT

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Conduct logistical operations	Equipment Selection Operation and Control	Perceptual Speed Reaction Time
E4	CORE	Load cargo onto aircraft	Coordination Speaking	Dynamic Flexibility Dynamic Strength
E4	CORE	Maintain squadron navigational publications	Reading Comprehension Management of Material Resources	Written Comprehension Deductive Reasoning
E7	CORE	Manage Operational Target (OPTAR) budgets	Equipment Selection Operation and Control	Originality Rate Control
E6	CORE	Organize static exhibits	Coordination Complex Problem Solving	Fluency of Ideas Information Ordering
E5	CORE	Perform detachment site surveys	Coordination Judgment and Decision Making	Oral Comprehension Oral Expression
E6	CORE	Prepare country clearance messages	Complex Problem Solving Critical Thinking	Finger Dexterity Reaction Time

## ORDNANCE/STORES

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct sonobouy drops	Reading Comprehension Writing	Written Comprehension Written Expression
E4	CORE	Load aircraft ordnance	Management of Material Resources Writing	Fluency of Ideas Visualization
E4	CORE	Load aircraft weapons	Coordination Speaking	Dynamic Flexibility Dynamic Strength
E6	CORE	Manage ordnance inventories	Complex Problem Solving Management of Financial Resources	Mathematical Reasoning Number Facility
E6	CORE	Track ordnance expenditures	Critical Thinking Judgment and Decision Making	Information Ordering Oral Expression

## SEARCH AND RESCUE (SAR) OPERATIONS/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct airborne Search And Rescue (SAR) missions	Equipment Selection Operation and Control	Memorization Visualization
E7	CORE	Coordinate Search And Rescue (SAR) missions	Coordination Management of Material Resources	Fluency of Ideas Information Ordering
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR)	Coordination Operation and Control	Deductive Reasoning Memorization
E4	CORE	Perform Search And Rescue (SAR) missions	Complex Problem Solving Mathematics	Mathematical Reasoning Number Facility

## SENSOR SYSTEMS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze active contact information	Complex Problem Solving Critical Thinking	Information Ordering Mathematical Reasoning

E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)	<i>Reading Comprehension</i> <i>Speaking</i>	<i>Problem Sensitivity</i> <i>Reaction Time</i>
E4	CORE	Conduct Specific Emitter Identification (SEI)	<i>Coordination</i> <i>Operation and Control</i>	<i>Auditory Attention</i> <i>Visualization</i>
E4	CORE	Determine Extended Echo Ranging (EER) processing mode	<i>Complex Problem Solving</i> <i>Operation and Control</i>	<i>Originality</i> <i>Spatial Orientation</i>
E4	CORE	Determine non-Target Of Interest (TOI) acoustic artifacts	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Sound Localization</i> <i>Visual Color Discrimination</i>
E4	CORE	Determine optimum sensor effectiveness	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>
E4	CORE	Establish Extended Echo Ranging (EER) processing modes	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Written Comprehension</i>
E4	CORE	Identify Infrared (IR) and Electro-Optics (EO) countermeasures	<i>Judgment and Decision Making</i> <i>Mathematics</i>	<i>Auditory Attention</i> <i>Memorization</i>
E4	CORE	Perform airborne tactical system pre-flight operational checks	<i>Coordination</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform Infrared (IR) system pre-flight inspections	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Low Frequency Analysis and Recording (LOFAR) gram analysis	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Mathematical Reasoning</i> <i>Visual Color Discrimination</i>
E4	CORE	Track Target of Interest (TOI)	<i>Critical Thinking</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Written Expression</i>

### SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Infrared (IR) and Electro-Optic (EO) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze Inverse Synthetic-Aperture Radar (ISAR) or Synthetic Aperture Radar (SAR) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Classify visual contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Conduct visual searches	<i>Judgment and Decision Making</i> <i>Coordination</i>	<i>Mathematical Reasoning</i> <i>Visualization</i>
E4	CORE	Operate vision enhancement devices in-flight	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform aerial photography	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Electro-Optical (EO) surveillances	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Night Vision Device (NVD) pre-flight inspections	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Perform photographic riggings	<i>Judgment and Decision Making</i> <i>Speaking</i>	<i>Oral Expression</i> <i>Oral Comprehension</i>
E6	CORE	Plan Night Vision Device (NVD) operations	<i>Critical Thinking</i> <i>Mathematics</i>	<i>Deductive Reasoning</i> <i>Mathematical Reasoning</i>

E4	CORE	Utilize vision enhancement equipment	<i>Critical Thinking</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Written Expression</i>
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### **TACTICAL OPERATIONS CENTER (TOC) / MOBILE TACTICAL OPERATIONS CENTERS (MTOC)**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>	<b><u>Skills</u></b>	<b><u>Abilities</u></b>
E5	CORE	Analyze tactical missions data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Conduct mission briefs	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Conduct mission debriefs	<i>Reading Comprehension</i> <i>Speaking</i>	<i>Speech Recognition</i> <i>Written Comprehension</i>
E5	CORE	Create Acoustic Intelligence (ACINT) packages	<i>Operations Analysis</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E4	CORE	Determine tactical intelligence considerations	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Develop aircrew mission briefs	<i>Critical Thinking</i> <i>Mathematics</i>	<i>Originality</i> <i>Visualization</i>
E5	CORE	Develop tactical lessons learned	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical proficiency programs	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E4	CORE	Extract tactical intelligence mathematically from target data	<i>Complex Problem Solving</i> <i>Mathematics</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E5	CORE	Identify mission requirements	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E5	CORE	Manage contact tracks	<i>Judgment and Decision Making</i> <i>Management of Material Resources</i>	<i>Multi-limb Coordination</i> <i>Written Expression</i>
E4	CORE	Monitor radio communications	<i>Complex Problem Solving</i> <i>Monitoring</i>	<i>Originality</i> <i>Rate Control</i>
E5	CORE	Perform acoustic quick looks	<i>Coordination</i> <i>Complex Problem Solving</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Perform radio malfunction procedures	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Inductive Reasoning</i> <i>Information Ordering</i>
E4	CORE	Perform tape management procedures	<i>Equipment Selection</i> <i>Systems Evaluation</i>	<i>Finger Dexterity</i> <i>Information Ordering</i>
E4	CORE	Plot Position of Intended Movement (PIM) tracks	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>
E6	CORE	Plot water space management areas	<i>Coordination</i> <i>Speaking</i>	<i>Information Ordering</i> <i>Night Vision</i>
E4	CORE	Prepare mission brief books	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E4	CORE	Prepare tactical aircrew mission briefs	<i>Operations Analysis</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Written Expression</i>
E4	CORE	Prepare target briefs	<i>Operations Analysis</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>

E4	CORE	Review charts for mission planning	<i>Management of Material Resources Management of Personnel Resources resources</i>	<i>Information Ordering Written Expression</i>
E4	CORE	Update mission brief books	<i>Critical Thinking Writing</i>	<i>Deductive Reasoning Written Expression</i>
E5	CORE	Verify tactical plots	<i>Critical Thinking Operation and Control</i>	<i>Visual Color Discrimination Visualization</i>
E6	CORE	Verify water space management	<i>Coordination Speaking</i>	<i>Inductive Reasoning Speech Clarity</i>
E4	CORE	Verify weapons employment	<i>Active Listening Operation and Control</i>	<i>Deductive Reasoning Information Ordering</i>

### TARGET MOTION ANALYSIS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Calculate active ranges	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate active target course and speeds	<i>Complex Problem Solving Mathematics</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate Area Of Probability (AOP)	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate passive acoustic contacts course, speed and depth	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate Target Motion Analysis (TMA)	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Conduct Target Motion Analysis (TMA)	<i>Instructing Speaking</i>	<i>Inductive Reasoning Selective Attention</i>
E4	CORE	Determine Target Of Interest (TOI) datum	<i>Complex Problem Solving Social Perceptiveness</i>	<i>Originality Visualization</i>
E4	CORE	Identify contacts Closest Point of Approach (CPA)	<i>Instructing Learning Strategies</i>	<i>Inductive Reasoning Selective Attention</i>
E4	CORE	Perform range calculations	<i>Operation and Control Systems Evaluation</i>	<i>Finger Dexterity Memorization</i>

**Job Title****Electronic Systems Specialist****Job Code****002571****Job Family**

Installation, Maintenance, and Repair

**NOC**

4900-2093.00

**Short Title (30 Characters)**

ELECTRONIC SYSTEMS SPECIALIST

**Short Title (10 Characters)**

E SYS SPEC

**Pay Plan**

Enlisted

**Career Field**

AWO

**Proficiency Level**

A/J/M

**Other Relationships and Rules:**

NEC 7861

**Job Description**

Electronic Systems Specialists are members of a fixed wing integrated tactical crew aboard maritime patrol aircraft. They detect, analyze, classify, and track surface and subsurface contacts electronically utilizing state of the art technology. Specifically they operate the following electronic warfare systems in support of operations and tactical missions worldwide: radar, Electronic Support Measures (ESM), Magnetic Anomaly Detector (MAD), Identification Friend or Foe/ Selective Identification Feature (IFF/SIF), and Infrared (IR) detectors. In addition, Electronic Systems Specialists perform aircrew duties that contribute directly to aircrew operations, training and administration for the purposes of attaining and maintaining the squadron's aircrew qualifications and certifications. They handle ordnance, have training in electronic intelligence and analysis, and are knowledgeable with security protocols.

**DoD Relationship****Title and Group:**

Sonar Operator, General

121

**Code and Area:**

121000

12

**O\*NET Relationship****Title and SOC Code:**

Electrical and Electronics Installers and Repairers, Transportation Equipment

49-2093.00

**Name and Family Code:**

Installation, Maintenance, and Repair

49

**AIRCREW ADMINISTRATION****Paygrade**

E5

**Task Type**

CORE

**Task Statements**

Conduct aircrew qualification and readiness program evaluations

*Operation and Control  
Science*
**Abilities**
*Mathematical Reasoning  
Number Facility*

E7

CORE

Conduct flight order audit boards

*Judgment and Decision Making  
Operation and Control*
*Fluency of Ideas  
Inductive Reasoning*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

*Complex Problem Solving  
Operation and Control*
*Auditory Attention  
Visualization*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training

*Active Listening  
Instructing*
*Inductive Reasoning  
Selective Attention*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training

*Instructing  
Learning Strategies*
*Inductive Reasoning  
Selective Attention*

E5

CORE

Maintain aircrew flight databases

*Equipment Selection  
Installation*
*Dynamic Flexibility  
Dynamic Strength*

E4

CORE

Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets

*Monitoring  
Writing*
*Written Comprehension  
Written Expression*

E5

CORE

Maintain tactical publication libraries

*Judgment and Decision Making  
Management of Material Resources*
*Multi-limb Coordination  
Written Expression*

E6

CORE

Prepare flight hour reports

*Complex Problem Solving  
Critical Thinking*
*Finger Dexterity  
Reaction Time*

E4

CORE

Prepare flight schedules

*Operations Analysis  
Writing*
*Information Ordering  
Written Expression*

E4

CORE

Review Naval Air Training and Operating Procedures Standardization (NATOPS) records

*Active Listening  
Reading Comprehension*
*Oral Comprehension  
Written Comprehension*

E4

CORE

Safeguard classified materials

*Active Listening  
Coordination*
*Information Ordering  
Written Comprehension*



E4	CORE	Update individual flight time summaries <i>Complex Problem Solving</i> <i>Troubleshooting</i>	<i>Deductive Reasoning</i> <i>Visualization</i>
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### AIRCREW DUTIES

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Magnetic Anomaly Detection (MAD) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze mission tactical plots	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>
E4	CORE	Analyze Night Vision Goggle (NVG) information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Night Vision</i> <i>Reaction Time</i>
E4	CORE	Analyze radar contact data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze threat data in-flight	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Calculate radar formulas	<i>Complex Problem Solving</i> <i>Mathematics</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify Electro-Optics (EO) contact information	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify Electronic Warfare Support (ES) contact information	<i>Management of Material Resources</i> <i>Reading Comprehension</i>	<i>Information Ordering</i> <i>Written Expression</i>
E4	CORE	Classify Infrared (IR) contact information	<i>Management of Material Resources</i> <i>Reading Comprehension</i>	<i>Information Ordering</i> <i>Written Expression</i>
E4	CORE	Classify Inverse Synthetic-Aperture Radar (ISAR) contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Classify Magnetic Anomaly Detection (MAD) contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Classify non-acoustic contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Classify Synthetic Aperture Radar (SAR) contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Compute Electronic Warfare Support (ES) contact intercepts	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Compute radar contact intercepts	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Conduct aircraft fueling operations	<i>Operation and Control</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Conduct Battle Hit Assessments (BHA)	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Far Vision</i> <i>Selective Attention</i>
E5	CORE	Conduct Electronic Warfare Support (ES) searches	<i>Instructing</i> <i>Speaking</i>	<i>Oral Comprehension</i> <i>Selective Attention</i>
E4	CORE	Conduct Infrared (IR) and Electro-Optical (EO) surveillance	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Conduct Night Vision Device (NVD) flight operations	<i>Instructing</i> <i>Learning Strategies</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>

E4	CORE	Conduct passenger safety briefs	<i>Coordination Operation and Control</i>	<i>Fluency of Ideas Inductive Reasoning</i>
E4	CORE	Configure aircraft equipment for rescue missions	<i>Instructing Speaking</i>	<i>Inductive Reasoning Selective Attention</i>
E4	CORE	Configure aircraft for Anti-Submarine Warfare (ASW) operations	<i>Equipment Selection Installation</i>	<i>Dynamic Flexibility Explosive Strength</i>
E4	CORE	Configure aircraft for internal cargo operations	<i>Equipment Selection Systems Evaluation</i>	<i>Finger Dexterity Memorization</i>
E5	CORE	Construct search patterns	<i>Equipment Selection Installation</i>	<i>Dynamic Flexibility Explosive Strength</i>
E4	CORE	Coordinate pre-flight checks	<i>Coordination Systems Evaluation</i>	<i>Information Ordering Written Comprehension</i>
E4	CORE	Correlate Electronic Warfare Support (ES) contact information	<i>Judgment and Decision Making Operation and Control</i>	<i>Memorization Reaction Time</i>
E4	CORE	Evaluate in-flight radar data	<i>Judgment and Decision Making Operation and Control</i>	<i>Reaction Time Visual Color Discrimination</i>
E4	CORE	Identify radar scan types	<i>Judgment and Decision Making Science</i>	<i>Finger Dexterity Visualization</i>
E4	CORE	Inspect small arms	<i>Coordination Management of Personnel Resources resources</i>	<i>Oral Expression Written Expression</i>
E4	CORE	Inspect survival equipment	<i>Active Listening Critical Thinking</i>	<i>Memorization Visual Color Discrimination</i>
E4	CORE	Load classified materials	<i>Coordination Speaking</i>	<i>Dynamic Flexibility Dynamic Strength</i>
E4	CORE	Monitor aircraft stand-offs	<i>Reading Comprehension Writing</i>	<i>Information Ordering Written Comprehension</i>
E4	CORE	Monitor weapons employment	<i>Active Listening Monitoring</i>	<i>Auditory Attention Oral Comprehension</i>
E4	CORE	Observe engine start ups	<i>Active Listening Monitoring</i>	<i>Oral Expression Speech Recognition</i>
E4	CORE	Operate bomb bay doors	<i>Active Listening Speaking</i>	<i>Inductive Reasoning Selective Attention</i>
E4	CORE	Operate communications equipment	<i>Equipment Selection Operation and Control</i>	<i>Finger Dexterity Memorization</i>
E4	CORE	Operate Infrared (IR) recording equipment	<i>Active Listening Operation and Control</i>	<i>Finger Dexterity Speech Clarity</i>
E4	CORE	Perform aircraft fueling operations	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform aircraft ground handling operations	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Finger Dexterity</i>
E4	CORE	Perform aircraft integrity inspections	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Dynamic Strength</i>
E4	CORE	Perform aircraft post-flight inspections	<i>Coordination Operation and Control</i>	<i>Deductive Reasoning Dynamic Strength</i>

E4	CORE	Perform Auxiliary Power Unit (APU) operations	<i>Active Learning</i>	<i>Deductive Reasoning</i>
E4	CORE	Perform drug interdiction searches	<i>Active Listening</i>	<i>Memorization</i>
E4	CORE	Perform Electro-Optics (EO) equipment post-flight procedures	<i>Management of Material Resources</i>	<i>Speech Recognition</i>
E4	CORE	Perform emergency procedures	<i>Management of Personnel Resources</i>	<i>Written Comprehension</i>
E4	CORE	Perform external aircraft pre-flight inspections	<i>Coordination</i>	<i>Information Ordering</i>
E4	CORE	Perform first aid	<i>Operation and Control</i>	<i>Selective Attention</i>
E4	CORE	Perform flight planning before mission	<i>Equipment Selection</i>	<i>Visual Color Discrimination</i>
E4	CORE	Perform general mission procedures	<i>Operation and Control</i>	<i>Visualization</i>
E4	CORE	Perform in-flight equipment checks	<i>Critical Thinking</i>	<i>Inductive Reasoning</i>
E4	CORE	Perform in-flight observer duties	<i>Mathematics</i>	<i>Mathematical Reasoning</i>
E4	CORE	Perform internal and external aircraft pre-flight inspections	<i>Systems Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Perform Medical Evacuations (MEDEVAC) operations	<i>Systems Evaluation</i>	<i>Visual Color Discrimination</i>
E4	CORE	Perform mission equipment power on pre-flight inspections	<i>Critical Thinking</i>	<i>Deductive Reasoning</i>
E4	CORE	Perform on station mission turnovers/swap procedures	<i>Monitoring</i>	<i>Information Ordering</i>
E4	CORE	Perform radar pre-flight inspections	<i>Coordination</i>	<i>Oral Comprehension</i>
E4	CORE	Perform reconnaissance recognition	<i>Critical Thinking</i>	<i>Speech Clarity</i>
E4	CORE	Perform terrain avoidance radar navigations	<i>Operation and Control</i>	<i>Deductive Reasoning</i>
E4	CORE	Perform weather avoidance radar navigations	<i>Systems Evaluation</i>	<i>Finger Dexterity</i>
E4	CORE	Perform mission planning	<i>Equipment Selection</i>	<i>Information Ordering</i>
E4	CORE	Prepare aircraft for static displays	<i>Operation and Control</i>	<i>Memorization</i>
E4	CORE	Prepare mission summary logs	<i>Complex Problem Solving</i>	<i>Information Ordering</i>
E4	CORE	Report contacts	<i>Critical Thinking</i>	<i>Memorization</i>
E5	CORE		<i>Management of Material Resources</i>	<i>Deductive Reasoning</i>
E4	CORE		<i>Writing</i>	<i>Visual Color Discrimination</i>
			<i>Operations Analysis</i>	<i>Written Comprehension</i>
			<i>Writing</i>	<i>Written Expression</i>

E7	CORE	Review hot areas and air space restrictions	<i>Equipment Selection Programming</i>	<i>Finger Dexterity Information Ordering</i>
E4	CORE	Test aircraft systems	<i>Coordination Judgment and Decision Making</i>	<i>Deductive Reasoning Memorization</i>
E5	CORE	Update flight time log books	<i>Complex Problem Solving Troubleshooting</i>	<i>Deductive Reasoning Visualization</i>
E5	CORE	Utilize mission tactical plot during on station period	<i>Critical Thinking Writing</i>	<i>Deductive Reasoning Written Expression</i>

### AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs	<i>Instructing Learning Strategies</i>	<i>Memorization Written Comprehension</i>
E7	CORE	Analyze monthly training and operation reports	<i>Complex Problem Solving Management of Material Resources</i>	<i>Inductive Reasoning Originality</i>
E6	CORE	Analyze training and readiness matrix for technical accuracy	<i>Critical Thinking Monitoring</i>	<i>Inductive Reasoning Originality</i>
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E5	CORE	Brief crew resource management program	<i>Persuasion Speaking</i>	<i>Speech Clarity Written Expression</i>
E5	CORE	Conduct tactical flight training	<i>Operation and Control Operation Monitoring</i>	<i>Finger Dexterity Visual Color Discrimination</i>
E5	CORE	Conduct tactical ground training	<i>Instructing Speaking</i>	<i>Inductive Reasoning Selective Attention</i>
E5	CORE	Conduct warfare training exercises	<i>Active Listening Operation and Control</i>	<i>Finger Dexterity Information Ordering</i>
E7	CORE	Define aircrew readiness requirements for individuals and crews	<i>Instructing Speaking</i>	<i>Information Ordering Written Expression</i>
E7	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events	<i>Complex Problem Solving Judgment and Decision Making</i>	<i>Information Ordering Originality</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams	<i>Instructing Learning Strategies</i>	<i>Inductive Reasoning Information Ordering</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material	<i>Learning Strategies Writing</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Develop tactical exams	<i>Learning Strategies Writing</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Develop tactical training materials	<i>Learning Strategies Writing</i>	<i>Inductive Reasoning Written Expression</i>
E5	CORE	Develop tactical Weapons System Trainer (WST) scenarios	<i>Learning Strategies Writing</i>	<i>Inductive Reasoning Written Expression</i>
E5	CORE	Operate Weapons Systems Trainer (WST)	<i>Operation and Control Operation Monitoring</i>	<i>Finger Dexterity Memorization</i>
E4	CORE	Perform Aircrew Combat Training Continuum (ACTC)	<i>Coordination Judgment and Decision Making</i>	<i>Deductive Reasoning Memorization</i>
E4	CORE	Conduct land survival training	<i>Critical Thinking Judgment and Decision Making</i>	<i>Information Ordering Memorization</i>

## COMMUNICATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Communicate using visual signals	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Determine communication considerations	<i>Complex Problem Solving</i> <i>Equipment Selection</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E6	CORE	Draft Operational Report (OPREP-3) messages	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Problem Sensitivity</i> <i>Written Expression</i>
E5	CORE	Identify pyrotechnic communications	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Fluency of Ideas</i> <i>Originality</i>
E4	CORE	Perform brevity codes communications	<i>Coordination</i> <i>Operation and Control</i>	<i>Control Precision</i> <i>Memorization</i>
E4	CORE	Perform Intercommunication Systems (ICS) communications	<i>Active Listening</i> <i>Speaking</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Review card of the day	<i>Management of Personnel Resources</i> <i>resources</i> <i>Persuasion</i>	<i>Information Ordering</i> <i>Written Expression</i>

## ENVIRONMENTAL

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze bottom contour charts	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Inductive Reasoning</i> <i>Visual Color Discrimination</i>
E4	CORE	Analyze environmental data for tactical application	<i>Critical Thinking</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Memorization</i>
E4	CORE	Analyze meteorological and oceanographic conditions	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Mathematical Reasoning</i> <i>Memorization</i>
E4	CORE	Calculate predicted transmission path ranges	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Determine tactical environmental considerations	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Develop environmental products using applicable software	<i>Speaking</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E4	CORE	Perform environmental calculations during mission	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Memorization</i>
E4	CORE	Perform environmental calculations for mission planning	<i>Critical Thinking</i> <i>Mathematics</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Perform on station environmental updates	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>

## MAINTENANCE SUPPORT

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct certification inspections on aviation combat systems	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Manual Dexterity</i> <i>Selective Attention</i>
E4	CORE	Document aircraft discrepancies	<i>Reading Comprehension</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>

E4	CORE	Troubleshoot Internal Communication System (ICS)	<i>Critical Thinking Operation and Control</i>	<i>Deductive Reasoning Category Flexibility</i>
E4	CORE	Troubleshoot mission replay recorders	<i>Critical Thinking Operation and Control</i>	<i>Deductive Reasoning Category Flexibility</i>
E4	CORE	Troubleshoot Night Vision Device (NVD) equipment	<i>Equipment Selection Operation and Control</i>	<i>Finger Dexterity Written Expression</i>
E4	CORE	Troubleshoot tactical mission recorders	<i>Complex Problem Solving Troubleshooting</i>	<i>Deductive Reasoning Visualization</i>
E4	CORE	Troubleshoot tactical systems	<i>Complex Problem Solving Troubleshooting</i>	<i>Deductive Reasoning Visualization</i>

## OPERATIONS AND LOGISTICS MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Conduct logistical operations	<i>Equipment Selection Operation and Control</i>	<i>Perceptual Speed Reaction Time</i>
E4	CORE	Load cargo onto aircraft	<i>Coordination Speaking</i>	<i>Dynamic Flexibility Dynamic Strength</i>
E4	CORE	Maintain squadron navigational publications	<i>Reading Comprehension Management of Material Resources</i>	<i>Written Comprehension Deductive Reasoning</i>
E7	CORE	Manage Operational Target (OPTAR) budgets	<i>Equipment Selection Operation and Control</i>	<i>Originality Rate Control</i>
E6	CORE	Organize static exhibits	<i>Coordination Complex Problem Solving</i>	<i>Fluency of Ideas Information Ordering</i>
E5	CORE	Perform detachment site surveys	<i>Coordination Judgment and Decision Making</i>	<i>Oral Comprehension Oral Expression</i>
E6	CORE	Prepare country clearance messages	<i>Complex Problem Solving Critical Thinking</i>	<i>Finger Dexterity Reaction Time</i>
E7	CORE	Update navigational charts	<i>Critical Thinking Writing</i>	<i>Deductive Reasoning Written Expression</i>

## ORDNANCE/STORES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct sonobouy drops	<i>Reading Comprehension Writing</i>	<i>Written Comprehension Written Expression</i>
E4	CORE	Load aircraft ordnance	<i>Management of Material Resources Writing</i>	<i>Fluency of Ideas Visualization</i>
E4	CORE	Load aircraft weapons	<i>Coordination Speaking</i>	<i>Dynamic Flexibility Dynamic Strength</i>
E6	CORE	Manage ordnance inventories	<i>Complex Problem Solving Management of Financial Resources</i>	<i>Mathematical Reasoning Number Facility</i>
E6	CORE	Track ordnance expenditures	<i>Critical Thinking Judgment and Decision Making</i>	<i>Information Ordering Oral Expression</i>

## SEARCH AND RESCUE (SAR) OPERATIONS/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct airborne Search And Rescue (SAR) missions	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Visualization</i>
E7	CORE	Coordinate Search And Rescue (SAR) missions	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR)	<i>Coordination</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Memorization</i>
E4	CORE	Perform Search And Rescue (SAR) missions	<i>Complex Problem Solving</i> <i>Mathematics</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E5	CORE	Plot survivor locations	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>

## SENSOR SYSTEMS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Electronic Warfare Support (ES) contacts	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Reaction Time</i>
E4	CORE	Conduct Identification Friend or Foe (IFF) and Selective Identification Feature (SIF) interrogations	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Speech Clarity</i> <i>Written Expression</i>
E4	CORE	Conduct Over-The-Horizon Targeting (OTHT)	<i>Reading Comprehension</i> <i>Speaking</i>	<i>Problem Sensitivity</i> <i>Reaction Time</i>
E4	CORE	Conduct Specific Emitter Identification (SEI )	<i>Coordination</i> <i>Operation and Control</i>	<i>Auditory Attention</i> <i>Visualization</i>
E4	CORE	Conduct tactical airborne radar operations	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Visual Color Discrimination</i>
E4	CORE	Determine optimum sensor effectiveness	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Speed of Closure</i>
E4	CORE	Determine radar contact intercepts	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Identify Infrared (IR) and Electro Optics (EO) countermeasures	<i>Judgment and Decision Making</i> <i>Mathematics</i>	<i>Auditory Attention</i> <i>Memorization</i>
E4	CORE	Interpret radar video	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Mathematical Reasoning</i>
E4	CORE	Interpret Selective Identification Feature (SIF) video	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Visual Color Discrimination</i>
E4	CORE	Perform airborne radar systems pre-flight checks	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform airborne tactical system pre-flight operational checks	<i>Coordination</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform Identification Friend or Foe (IFF) pre-flight inspections	<i>Operation Monitoring</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Information Ordering</i>
E4	CORE	Perform Infrared (IR) system pre-flight inspections	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Magnetic Anomaly Detection (MAD) compensations	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Memorization</i>

E4	CORE	Perform Magnetic Anomaly Detection (MAD) systems pre-flight inspections	<i>Systems Analysis</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Memorization</i>
E4	CORE	Perform off-line radar operations	<i>Operation and Control</i> <i>Science</i>	<i>Spatial Orientation</i> <i>Visualization</i>
E4	CORE	Perform on-line radar operations	<i>Systems Analysis</i> <i>Systems Evaluation</i>	<i>Finger Dexterity</i> <i>Night Vision</i>
E4	CORE	Track radar contacts	<i>Critical Thinking</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Fluency of Ideas</i> <i>Oral Expression</i>
E4	CORE	Track Targets Of Interest (TOI)	<i>Critical Thinking</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Written Expression</i>

### SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Infrared (IR) and Electro-Optic (EO) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze Inverse Synthetic-Aperture Radar (ISAR) or Synthetic Aperture Radar (SAR) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Calculate visual search altitudes	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify visual contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Conduct visual searches	<i>Judgment and Decision Making</i> <i>Coordination</i>	<i>Mathematical Reasoning</i> <i>Visualization</i>
E4	CORE	Operate vision enhancement devices in-flight	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform aerial photography	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Electro-Optical (EO) surveillances	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>
E4	CORE	Perform Night Vision Device (NVD) pre-flight inspections	<i>Critical Thinking</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Perform photographic riggings	<i>Judgment and Decision Making</i> <i>Speaking</i>	<i>Oral Expression</i> <i>Oral Comprehension</i>
E6	CORE	Plan Night Vision Device (NVD) operations	<i>Critical Thinking</i> <i>Mathematics</i>	<i>Deductive Reasoning</i> <i>Mathematical Reasoning</i>
E4	CORE	Utilize vision enhancement equipment	<i>Critical Thinking</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Written Expression</i>

### TACTICAL OPERATIONS CENTER (TOC) / MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Analyze tactical missions data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E4	CORE	Conduct mission briefs	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Conduct mission debriefs	<i>Reading Comprehension</i> <i>Speaking</i>	<i>Speech Recognition</i> <i>Written Comprehension</i>



E4	CORE	Determine tactical intelligence considerations	<i>Critical Thinking Operation and Control</i>	<i>Originality Visualization</i>
E4	CORE	Develop aircrew mission briefs	<i>Critical Thinking Mathematics</i>	<i>Originality Visualization</i>
E5	CORE	Develop tactical lessons learned	<i>Learning Strategies Writing</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Develop tactical proficiency programs	<i>Learning Strategies Writing</i>	<i>Inductive Reasoning Written Expression</i>
E4	CORE	Extract tactical intelligence mathematically from target data	<i>Complex Problem Solving Mathematics</i>	<i>Mathematical Reasoning Number Facility</i>
E5	CORE	Identify mission requirements	<i>Judgment and Decision Making Operation and Control</i>	<i>Perceptual Speed Reaction Time</i>
E5	CORE	Manage contact tracks	<i>Judgment and Decision Making Management of Material Resources</i>	<i>Multi-limb Coordination Written Expression</i>
E4	CORE	Monitor radio communications	<i>Complex Problem Solving Monitoring</i>	<i>Originality Rate Control</i>
E4	CORE	Perform radio malfunction procedures	<i>Equipment Selection Operation and Control</i>	<i>Inductive Reasoning Information Ordering</i>
E4	CORE	Perform tape management procedures	<i>Equipment Selection Systems Evaluation</i>	<i>Finger Dexterity Information Ordering</i>
E4	CORE	Plot Position of Intended Movement (PIM) tracks	<i>Critical Thinking Operation and Control</i>	<i>Spatial Orientation Visual Color Discrimination</i>
E6	CORE	Plot water space management areas	<i>Coordination Speaking</i>	<i>Information Ordering Night Vision</i>
E4	CORE	Prepare mission brief books	<i>Coordination Judgment and Decision Making</i>	<i>Deductive Reasoning Originality</i>
E4	CORE	Prepare tactical aircrew mission briefs	<i>Operations Analysis Writing</i>	<i>Deductive Reasoning Written Expression</i>
E4	CORE	Prepare target briefs	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E6	CORE	Program Electronic Warfare Support (ES) libraries	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E4	CORE	Review charts for mission planning	<i>Management of Material Resources Management of Personnel Resources resources</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Update contact databases	<i>Critical Thinking Troubleshooting</i>	<i>Deductive Reasoning Visualization</i>
E4	CORE	Update mission brief books	<i>Critical Thinking Writing</i>	<i>Deductive Reasoning Written Expression</i>
E4	CORE	Vector aircraft	<i>Critical Thinking Operation and Control</i>	<i>Inductive Reasoning Spatial Orientation</i>
E5	CORE	Verify tactical plots	<i>Critical Thinking Operation and Control</i>	<i>Visual Color Discrimination Visualization</i>
E6	CORE	Verify water space management	<i>Coordination Speaking</i>	<i>Inductive Reasoning Speech Clarity</i>
E4	CORE	Verify weapons employment	<i>Active Listening Operation and Control</i>	<i>Deductive Reasoning Information Ordering</i>

## TARGET MOTION ANALYSIS

<u><b>Pavgrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E4	CORE	Calculate Magnetic Anomaly Detection (MAD) contact course and speed	<i>Complex Problem Solving</i>	<i>Mathematical Reasoning</i>
			<i>Mathematics</i>	<i>Number Facility</i>
E4	CORE	Calculate radar contact course and speed	<i>Mathematics</i>	<i>Mathematical Reasoning</i>
			<i>Science</i>	<i>Number Facility</i>
E4	CORE	Calculate Target Motion Analysis (TMA)	<i>Mathematics</i>	<i>Mathematical Reasoning</i>
			<i>Science</i>	<i>Number Facility</i>
E4	CORE	Conduct Target Motion Analysis (TMA)	<i>Instructing</i>	<i>Inductive Reasoning</i>
			<i>Speaking</i>	<i>Selective Attention</i>
E4	CORE	Determine Target Of Interest (TOI) datum	<i>Complex Problem Solving</i>	<i>Originality</i>
			<i>Social Perceptiveness</i>	<i>Visualization</i>
E4	CORE	Perform range calculations	<i>Operation and Control</i>	<i>Finger Dexterity</i>
			<i>Systems Evaluation</i>	<i>Memorization</i>

**Job Title****Tactical Aircrew Watch Officer****Job Code****002554****Job Family**

Production

**NOC**

5100-1011.00

**Short Title (30 Characters)**

TACTICAL AIRCREW WATCH OFFICER

**Short Title (10 Characters)**

TACAIR OFF

**Pay Plan**

Enlisted

**Career Field**

AWO

**Proficiency Level**

A/J/M

**Other Relationships and Rules:**

NEC 7836

**Job Description**

Tactical Aircrew Watch Officers are members of an integrated, tactical and logistics worldwide intelligence network at Tactical Centers aboard aircraft carriers, Tactical Support Centers (TSC) and with Mobile Operations Control Centers (MOCCs). They coordinate all administrative functions of their individual divisions, manage resources, and lead the personnel of the tactical center in preparing aircrews and operational commands for tactical missions. They coordinate logistics for safety of flight, communication (UHF/HF radios, data-link, satellite), and post mission analysis and reconstruction. They also coordinate the dissemination of environmental data (oceanographic, electromagnetic propagation, and weather), target analysis, and the replay of mission tapes. Tactical Aircrew Watch Officers monitor and train personnel in managing and maintaining an intelligence database acquired from operations and tactical flights. They also monitor and authorize the transmission of tasking and mission summary messages delineating tactical missions. They process requests for tactical mission qualification packets from individual commands and aircrews. They are trained and have experience in TSC, MOCC, ship and air-wing operations. They must also have a thorough knowledge of acoustic and/or electronic intelligence and analysis, message formatting, and the tactical employment of sensors. Familiarization with security protocols and classified handling procedures is required. The Tactical Aircrew Watch Officer must be able to obtain a final secret security clearance and be eligible for higher clearance as required.

**DoD Relationship***Title and Group:*

Sonar Operator, General

121

*Code and Area:*

121000

12

**O\*NET Relationship***Title and SOC Code:*First-Line Supervisors/Managers of  
Production and Operating Workers

51-1011.00

*Name and Family Code:*

Production

51

**AIRCREW ADMINISTRATION****Paygrade**

E6

**Task Type**

CORE

**Task Statements**

Prepare administrative briefs

**Skills**Complex Problem Solving  
Critical Thinking**Abilities**Deductive Reasoning  
Mathematical Reasoning

E7

CORE

Prepare tactical equipment evaluation programs  
Operations Analysis  
WritingDeductive Reasoning  
Written Expression

E7

CORE

Prepare tactics evaluation programs  
Operations Analysis  
WritingInformation Ordering  
Written Expression

E4

CORE

Safeguard classified materials

Active Listening  
CoordinationInformation Ordering  
Written Comprehension**AIRCREW DUTIES****Paygrade**

E4

**Task Type**

CORE

**Task Statements**

Analyze in-flight threat data

**Skills**Critical Thinking  
Judgment and Decision Making**Abilities**Deductive Reasoning  
Memorization

E4

CORE

Analyze Magnetic Anomaly Detection (MAD) contact information  
Critical Thinking  
Operation and ControlPerceptual Speed  
Reaction Time

E4

CORE

Analyze mission tactical plots

Complex Problem Solving  
Critical ThinkingSpatial Orientation  
Visual Color Discrimination

E4

CORE

Analyze multi-static contact information

Critical Thinking  
Operation and ControlPerceptual Speed  
Reaction Time

E4

CORE

Analyze passive acoustic contacts data

Critical Thinking  
Operation and ControlPerceptual Speed  
Reaction Time

E4	CORE	Calculate Figure Of Merit (FOM)	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Classify Synthetic Aperture Radar (SAR) contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>
E4	CORE	Coordinate pre-flight checks	<i>Coordination</i> <i>Systems Evaluation</i>	<i>Information Ordering</i> <i>Written Comprehension</i>
E4	CORE	Determine attack criteria for weapons release	<i>Complex Problem Solving</i> <i>Judgment and Decision Making</i>	<i>Inductive Reasoning</i> <i>Information Ordering</i>
E4	CORE	Inspect small arms	<i>Coordination</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Oral Expression</i> <i>Written Expression</i>
E4	CORE	Operate communications equipment	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Operate Multi-Sensor Analysis System (MSAS)	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E4	CORE	Perform on station mission turnovers/swap procedures	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E5	CORE	Prepare mission summary logs	<i>Management of Material Resources</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E4	CORE	Report contacts	<i>Operations Analysis</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E7	CORE	Review hot areas and air space restrictions	<i>Equipment Selection</i> <i>Programming</i>	<i>Finger Dexterity</i> <i>Information Ordering</i>
E5	CORE	Update mission summary logs	<i>Reading Comprehension</i> <i>Writing</i>	<i>Information Ordering</i> <i>Number Facility</i>

### AIRCREW TRAINING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Conduct warfare training exercises	<i>Active Listening</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Information Ordering</i>
E7	CORE	Define aircrew readiness requirements for individuals and crews	<i>Instructing</i> <i>Speaking</i>	<i>Information Ordering</i> <i>Written Expression</i>
E7	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events	<i>Complex Problem Solving</i> <i>Judgment and Decision Making</i>	<i>Information Ordering</i> <i>Originality</i>
E5	CORE	Develop tactical exams	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical training materials	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Develop tactical Weapons System Trainer (WST) scenarios	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Perform individual and crew tactical evaluations	<i>Operation and Control</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Finger Dexterity</i>

## COMMUNICATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct underwater communications	<i>Instructing</i> <i>Speaking</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E4	CORE	Determine communication considerations	<i>Complex Problem Solving</i> <i>Equipment Selection</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E6	CORE	Draft Operational Report (OPREP-3) messages	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Problem Sensitivity</i> <i>Written Expression</i>
E4	CORE	Interpret naval messages	<i>Systems Evaluation</i> <i>Troubleshooting</i>	<i>Finger Dexterity</i> <i>Near Vision</i>
E5	CORE	Monitor Defense Message Systems (DMS)	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Control Precision</i> <i>Spatial Orientation</i>
E4	CORE	Review card of the day	<i>Management of Personnel Resources</i> <i>resources</i> <i>Persuasion</i>	<i>Information Ordering</i> <i>Written Expression</i>
E6	CORE	Test communication systems	<i>Critical Thinking</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Information Ordering</i> <i>Oral Expression</i>

## ENVIRONMENTAL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze environmental data for tactical application	<i>Critical Thinking</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Memorization</i>
E4	CORE	Analyze meteorological and oceanographic conditions	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Mathematical Reasoning</i> <i>Memorization</i>
E4	CORE	Calculate predicted transmission path ranges	<i>Mathematics</i> <i>Science</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E4	CORE	Develop environmental products using applicable software	<i>Speaking</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E5	CORE	Perform Modular Ocean Data Assimilation System (MODAS) field evaluations	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Dynamic Strength</i> <i>Rate Control</i>

## OPERATIONS AND LOGISTICS MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Match aircrew to mission detachment and crew requirements	<i>Management of Financial Resources</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Written Comprehension</i>
E5	CORE	Perform detachment site surveys	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Oral Comprehension</i> <i>Oral Expression</i>
E6	CORE	Submit airlift requests	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Written Comprehension</i>
E7	CORE	Submit logistics requests	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Arm-Hand Steadiness</i> <i>Stamina</i>

## SEARCH AND RESCUE (SAR) OPERATIONS/COMBAT SEARCH AND RESCUE (CSAR) OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Coordinate Search And Rescue (SAR) missions	<i>Coordination</i>	<i>Fluency of Ideas</i>
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR)	<i>Management of Material Resources</i>	<i>Information Ordering</i>
E5	CORE	Plot survivor locations	<i>Coordination</i> <i>Operation and Control</i>	<i>Deductive Reasoning</i> <i>Memorization</i>
			<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>

## SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze Infrared (IR) and Electro Optic (EO) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Analyze Inverse Synthetic-Aperture Radar (ISAR) or Synthetic Aperture Radar (SAR) contact information	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Classify visual contact information	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Perceptual Speed</i>

## TACTICAL OPERATIONS CENTER (TOC) / MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Analyze collected intelligence information	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Memorization</i> <i>Number Facility</i>
E4	CORE	Analyze post-flight mission data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Number Facility</i> <i>Written Comprehension</i>
E5	CORE	Analyze tactical missions data	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Originality</i> <i>Visualization</i>
E7	CORE	Conduct overdue aircraft procedures	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Night Vision</i> <i>Visual Color Discrimination</i>
E5	CORE	Conduct positional training for watch teams	<i>Monitoring</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Mathematical Reasoning</i>
E4	CORE	Conduct Post Mission Analysis (PMA)	<i>Learning Strategies</i> <i>Instructing</i>	<i>Speech Clarity</i> <i>Written Expression</i>
E4	CORE	Conduct Secure Internet Protocol Router Network (SIPRNET) chat operations	<i>Quality Control Analysis</i> <i>Speaking</i>	<i>Speech Recognition</i> <i>Written Comprehension</i>
E5	CORE	Create Acoustic Intelligence (ACINT) packages	<i>Operations Analysis</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E4	CORE	Develop aircrew mission briefs	<i>Critical Thinking</i> <i>Mathematics</i>	<i>Originality</i> <i>Visualization</i>
E5	CORE	Develop tactical lessons learned	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical memorandums	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Develop tactical proficiency programs	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>

E5	CORE	Disseminate intelligence data	<i>Learning Strategies</i> <i>Writing</i>	<i>Originality</i> <i>Visualization</i>
E7	CORE	Disseminate post mission data in naval messages	<i>Reading Comprehension</i> <i>Writing</i>	<i>Speech Clarity</i> <i>Written Expression</i>
E6	CORE	Enter post-flight tactical data	<i>Critical Thinking</i> <i>Writing</i>	<i>Oral Comprehension</i> <i>Written Expression</i>
E4	CORE	Extract tactical intelligence mathematically from target data	<i>Complex Problem Solving</i> <i>Mathematics</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E5	CORE	Identify mission requirements	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Perceptual Speed</i> <i>Reaction Time</i>
E4	CORE	Issue mission equipment	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Visual Color Discrimination</i>
E4	CORE	Monitor radio communications	<i>Complex Problem Solving</i> <i>Monitoring</i>	<i>Originality</i> <i>Rate Control</i>
E6	CORE	Monitor watch teams flow of tactical data	<i>Complex Problem Solving</i> <i>Monitoring</i>	<i>Mathematical Reasoning</i> <i>Number Facility</i>
E5	CORE	Operate Fast Time Analysis System (FTAS)	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E6	CORE	Organize Combat Search And Rescue (CSAR) operations	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E6	CORE	Organize Search And Rescue (SAR) operations	<i>Coordination</i> <i>Complex Problem Solving</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Perform mission replays	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Information Ordering</i> <i>Memorization</i>
E5	CORE	Perform Mobile Tactical Operations Center (MTOC) loadmaster responsibilities	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Dynamic Strength</i> <i>Memorization</i>
E7	CORE	Perform Operational Reporting (OPREP) procedures	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Visual Color Discrimination</i>
E4	CORE	Perform post-flight analysis of mission data	<i>Judgment and Decision Making</i> <i>Writing</i>	<i>Oral Comprehension</i> <i>Written Expression</i>
E5	CORE	Perform tactical mission reconstructions	<i>Complex Problem Solving</i> <i>Coordination</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E4	CORE	Plot Position of Intended Movement (PIM) tracks	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>
E5	CORE	Plot required Undersea Warfare (USW) symbologies	<i>Coordination</i> <i>Service Orientation</i>	<i>Spatial Orientation</i> <i>Visual Color Discrimination</i>
E6	CORE	Plot water space management areas	<i>Coordination</i> <i>Speaking</i>	<i>Information Ordering</i> <i>Night Vision</i>
E4	CORE	Prepare mission brief books	<i>Coordination</i> <i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Prepare mission capability briefs	<i>Coordination</i> <i>Writing</i>	<i>Originality</i> <i>Written Expression</i>
E5	CORE	Prepare post-exercise presentations	<i>Management of Personnel Resources</i> <i>resources</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Written Expression</i>

E5	CORE	Prepare pre-exercise presentations	<i>Operations Analysis Writing</i>	<i>Deductive Reasoning Written Expression</i>
E4	CORE	Prepare tactical aircrew mission briefs	<i>Operations Analysis Writing</i>	<i>Deductive Reasoning Written Expression</i>
E4	CORE	Prepare target briefs	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E7	CORE	Prepare warfare briefs	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E6	CORE	Program Electronic Warfare Support (ES) libraries	<i>Operations Analysis Writing</i>	<i>Information Ordering Written Expression</i>
E4	CORE	Review charts for mission planning	<i>Management of Material Resources Management of Personnel Resources resources</i>	<i>Information Ordering Written Expression</i>
E5	CORE	Setup communication antenna fields	<i>Active Listening Coordination</i>	<i>Information Ordering Written Comprehension</i>
E5	CORE	Setup tactical plotting stations	<i>Quality Control Analysis Speaking</i>	<i>Information Ordering Written Comprehension</i>
E6	CORE	Supervise aircrew watch teams	<i>Equipment Selection Operation and Control</i>	<i>Arm-Hand Steadiness Stamina</i>
E5	CORE	Supervise Anti-Submarine Warfare (ASW) tactical air controller operations	<i>Coordination Writing</i>	<i>Written Comprehension Written Expression</i>
E5	CORE	Supervise tactical plot operations	<i>Coordination Writing</i>	<i>Written Comprehension Written Expression</i>
E4	CORE	Transmit data link information	<i>Complex Problem Solving Management of Material Resources</i>	<i>Number Facility Written Expression</i>
E6	CORE	Update intelligence databases	<i>Critical Thinking Operation and Control</i>	<i>Finger Dexterity Written Expression</i>

### TARGET MOTION ANALYSIS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Calculate active ranges	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate active target course and speeds	<i>Complex Problem Solving Mathematics</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate Area Of Probability (AOP)	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate Magnetic Anomaly Detection (MAD) contact course and speed	<i>Complex Problem Solving Mathematics</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate passive acoustic contacts course, speed and depth	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>
E4	CORE	Calculate Target Motion Analysis (TMA)	<i>Mathematics Science</i>	<i>Mathematical Reasoning Number Facility</i>



**Job Title****Aircrew Readiness Manager****Job Code****002539****Job Family**

Transportation and Material Moving

**NOC**

5300-1011.00

**Short Title (30 Characters)**

AIRCREW READINESS MANAGER

**Short Title (10 Characters)**

AIR RD MGR

**Pay Plan**

Enlisted

**Career Field**

AWO

**Proficiency Level**

M

**Other Relationships and Rules:**

Not Applicable

**Job Description**

Aircrew Readiness Managers are crucial and integral members of staffs, operational commands, and squadrons. They coordinate the operational, administrative, and aircrew scheduling functions for the organization. They administer and manage training programs and resources for naval aircrew, manage standardization of aircrew training programs to enhance proficiency and readiness, and coordinate all aspects of aircrew training to meet the rigorous demands of operational commitments worldwide. Additionally, they administer and direct the following programs: Naval Air Training and Operating Procedures Standardization (NATOPS) and Search and Rescue (SAR) programs. They also administer and direct tactics, training and readiness, ordnance and weapons, and aircrew training. As program managers, they analyze training resource requirements, review and approve contract options for new training devices and programs, develop and revise curriculum, incorporate and initiate new aircrew training programs, manage student quotas, qualifications and certifications, and coordinate aircrew physical fitness and health program initiatives.

**DoD Relationship****Title and Group:**Air Crew, General  
105**Code and Area:**105000  
10**O\*NET Relationship****Title and SOC Code:**Aircraft Cargo Handling Supervisors  
53-1011.00**Name and Family Code:**Transportation and Material Moving  
53**AIRCREW ADMINISTRATION****Paygrade**

E7

**Task Type**

CORE

**Task Statements**

Analyze emerging technology to meet fleet training requirements

*Critical Thinking**Equipment Selection***Abilities***Inductive Reasoning**Problem Sensitivity*

E7

CORE

Certify aircraft records for government compliance

*Mathematics**Science**Mathematical Reasoning**Number Facility*

E5

CORE

Certify Naval Air Training and Operating Procedures Standardization (NATOPS) qualifications in training

*Mathematics**Science**Mathematical Reasoning**Number Facility*

E5

CORE

Conduct aircrew qualification and readiness program evaluations

*Operation and Control**Science**Mathematical Reasoning**Number Facility*

E7

CORE

Conduct fleet acquisition program briefs

*Coordination**Speaking**Visual Color Discrimination**Visualization*

E7

CORE

Conduct flight order audit boards

*Judgment and Decision Making**Operation and Control**Fluency of Ideas**Inductive Reasoning*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) evaluations

*Complex Problem Solving**Operation and Control**Auditory Attention**Visualization*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) flight training

*Active Listening**Instructing**Inductive Reasoning**Selective Attention*

E5

CORE

Conduct Naval Air Training and Operating Procedures Standardization (NATOPS) ground training

*Instructing**Learning Strategies**Inductive Reasoning**Selective Attention*

E7

CORE

Coordinate weapons system designs with contract engineers

*Complex Problem Solving**Speaking**Fluency of Ideas**Inductive Reasoning*

E7

CORE

Develop long and short range aircrew training plans

*Operations Analysis**Operation and Control**Mathematical Reasoning**Visual Color Discrimination*

E6

CORE

Implement aircrew course curriculum changes

*Active Listening**Critical Thinking**Auditory Attention**Memorization*

E7

CORE

Implement aircrew manpower process from accession to fleet integration

*Complex Problem Solving**Management of Material Resources**Written Comprehension**Written Expression*

E5	CORE	Maintain aircrew flight databases	<i>Equipment Selection</i> <i>Installation</i>	<i>Dynamic Flexibility</i> <i>Dynamic Strength</i>
E4	CORE	Maintain Naval Air Training and Operating Procedures Standardization (NATOPS) training jackets	<i>Monitoring</i> <i>Writing</i>	<i>Written Comprehension</i> <i>Written Expression</i>
E7	CORE	Monitor aircraft records for government compliance	<i>Judgment and Decision Making</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Originality</i> <i>Rate Control</i>
E6	CORE	Prepare flight hour reports	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Finger Dexterity</i> <i>Reaction Time</i>
E4	CORE	Review Naval Air Training and Operating Procedures Standardization (NATOPS) records	<i>Active Listening</i> <i>Reading Comprehension</i>	<i>Oral Comprehension</i> <i>Written Comprehension</i>
E4	CORE	Safeguard classified materials	<i>Active Listening</i> <i>Coordination</i>	<i>Information Ordering</i> <i>Written Comprehension</i>

### AIRCREW DUTIES

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E4	CORE	Determine attack criteria for weapons release	<i>Complex Problem Solving</i> <i>Judgment and Decision Making</i>	<i>Inductive Reasoning</i> <i>Information Ordering</i>
E4	CORE	Inspect small arms	<i>Coordination</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Oral Expression</i> <i>Written Expression</i>
E4	CORE	Update flight time log books	<i>Complex Problem Solving</i> <i>Troubleshooting</i>	<i>Deductive Reasoning</i> <i>Visualization</i>

### AIRCREW TRAINING

<u><b>Paygrade</b></u>	<u><b>Task Type</b></u>	<u><b>Task Statements</b></u>	<u><b>Skills</b></u>	<u><b>Abilities</b></u>
E5	CORE	Administer aircrew training programs	<i>Instructing</i> <i>Learning Strategies</i>	<i>Memorization</i> <i>Written Comprehension</i>
E5	CORE	Administer Naval Air Training and Operating Procedures Standardization (NATOPS) programs	<i>Instructing</i> <i>Learning Strategies</i>	<i>Memorization</i> <i>Written Comprehension</i>
E7	CORE	Analyze monthly training and operation reports	<i>Complex Problem Solving</i> <i>Management of Material Resources</i>	<i>Inductive Reasoning</i> <i>Originality</i>
E6	CORE	Analyze training and readiness matrix for technical accuracy	<i>Critical Thinking</i> <i>Monitoring</i>	<i>Inductive Reasoning</i> <i>Originality</i>
E5	CORE	Brief crew resource management program	<i>Persuasion</i> <i>Speaking</i>	<i>Speech Clarity</i> <i>Written Expression</i>
E7	CORE	Conduct fleet aviation training requirement briefs	<i>Equipment Maintenance</i> <i>Operation Monitoring</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Conduct tactical flight training	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Visual Color Discrimination</i>
E5	CORE	Conduct tactical ground training	<i>Instructing</i> <i>Speaking</i>	<i>Inductive Reasoning</i> <i>Selective Attention</i>
E5	CORE	Conduct warfare training exercises	<i>Active Listening</i> <i>Operation and Control</i>	<i>Finger Dexterity</i> <i>Information Ordering</i>
E7	CORE	Define aircrew readiness requirements for individuals and crews	<i>Instructing</i> <i>Speaking</i>	<i>Information Ordering</i> <i>Written Expression</i>

E7	CORE	Determine aircrew requirements for flight and Weapons System Trainer (WST) events	<i>Complex Problem Solving</i> <i>Judgment and Decision Making</i>	<i>Information Ordering</i> <i>Originality</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) exams	<i>Instructing</i> <i>Learning Strategies</i>	<i>Inductive Reasoning</i> <i>Information Ordering</i>
E5	CORE	Develop Naval Air Training and Operating Procedures Standardization (NATOPS) lesson material	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical exams	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical training materials	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Develop tactical Weapons System Trainer (WST) scenarios	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E7	CORE	Evaluate aircrew training programs	<i>Judgment and Decision Making</i> <i>Operation and Control</i>	<i>Originality</i> <i>Spatial Orientation</i>
E7	CORE	Monitor Fleet Replacement Squadron (FRS) student production	<i>Monitoring</i> <i>Reading Comprehension</i>	<i>Written Comprehension</i> <i>Information Ordering</i>

### MAINTENANCE SUPPORT

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Coordinate aircraft assignments with maintenance control	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Originality</i> <i>Visualization</i>

### OPERATIONS AND LOGISTICS MANAGEMENT

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Coordinate cargo transfers	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Originality</i> <i>Visualization</i>
E7	CORE	Coordinate logistics	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E7	CORE	Coordinate long and short range aircraft availability plans	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E7	CORE	Implement temporary flight orders	<i>Complex Problem Solving</i> <i>Management of Personnel Resources</i> <i>resources</i>	<i>Rate Control</i> <i>Visualization</i>
E7	CORE	Manage Operational Target (OPTAR) budgets	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Originality</i> <i>Rate Control</i>
E7	CORE	Organize logistics operations	<i>Operation and Control</i> <i>Operation Monitoring</i>	<i>Finger Dexterity</i> <i>Memorization</i>
E6	CORE	Prepare country clearance messages	<i>Complex Problem Solving</i> <i>Critical Thinking</i>	<i>Finger Dexterity</i> <i>Reaction Time</i>
E7	CORE	Prioritize aircrew assignments	<i>Critical Thinking</i> <i>Instructing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E7	CORE	Prioritize flight missions	<i>Critical Thinking</i> <i>Instructing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E6	CORE	Submit airlift requests	<i>Critical Thinking</i> <i>Management of Material Resources</i>	<i>Information Ordering</i> <i>Written Comprehension</i>

E7	CORE	Submit logistics requests	<i>Equipment Selection</i> <i>Operation and Control</i>	<i>Arm-Hand Steadiness</i> <i>Stamina</i>
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### SPECIAL WARFARE/VISUAL/PHOTOGRAPHIC OPERATIONS

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Organize Naval Special Warfare (NSW) operations	<i>Coordination</i> <i>Complex Problem Solving</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>

### TACTICAL OPERATIONS CENTER (TOC) / MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E7	CORE	Coordinate operating areas scheduling with external agencies	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E6	CORE	Coordinate operations with watch officer	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E6	CORE	Coordinate tactical exercises	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E6	CORE	Coordinate tactical missions	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Fluency of Ideas</i> <i>Information Ordering</i>
E5	CORE	Develop tactical lessons learned	<i>Learning Strategies</i> <i>Writing</i>	<i>Information Ordering</i> <i>Written Expression</i>
E5	CORE	Develop tactical memorandums	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E5	CORE	Develop tactical proficiency programs	<i>Learning Strategies</i> <i>Writing</i>	<i>Inductive Reasoning</i> <i>Written Expression</i>
E7	CORE	Manage coordinated operation assets	<i>Critical Thinking</i> <i>Operation and Control</i>	<i>Memorization</i> <i>Visual Color Discrimination</i>
E7	CORE	Manage mission support systems	<i>Coordination</i> <i>Critical Thinking</i>	<i>Rate Control</i> <i>Visualization</i>